

COVID-19 Update June 11, 2020

As of **June 10, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **44,461**; including **42,557** laboratory-confirmed and **1,904** probable cases. **Two hundred forty-six** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4,146** COVID-19-associated deaths.

In Connecticut during the early months of this pandemic, it became clear that it would be necessary to track probable COVID-19 cases and deaths, in addition to laboratory-confirmed (RT-PCR) cases and deaths. This was needed to better measure the burden and impact of this disease in our communities and is now part of the [national surveillance case definition for COVID-19](#). Probable cases of COVID-19 involve persons who have not had confirmatory laboratory testing (RT-PCR) performed for COVID-19, but whose symptoms indicate they are likely to have a COVID-19 infection. In Connecticut, most of the probable COVID-19 cases involve persons whose death certificates list COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Prior to June 1, probable and confirmed cases were reported together.

Overall Summary	Total**	Change Since Yesterday
COVID-19 Cases	44461	+114
COVID-19-Associated Deaths	4146	+26
Patients Currently Hospitalized with COVID-19	246	-24
COVID-19 PCR Tests Reported	320044	+5030

**Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence

As of 06/10/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	15537	618	1039	294
Hartford County	10314	653	1006	302
Litchfield County	1374	61	114	21
Middlesex County	1154	56	128	37
New Haven County	11558	372	887	144
New London County	1085	62	73	25
Tolland County	814	69	48	14
Windham County	434	7	13	1
Pending address validation	287	6	0	0
Total	42557	1904	3308	838

[National COVID-19 statistics](#) and information about [preventing spread of COVID-19](#) are available from the Centers for Disease Control and Prevention.

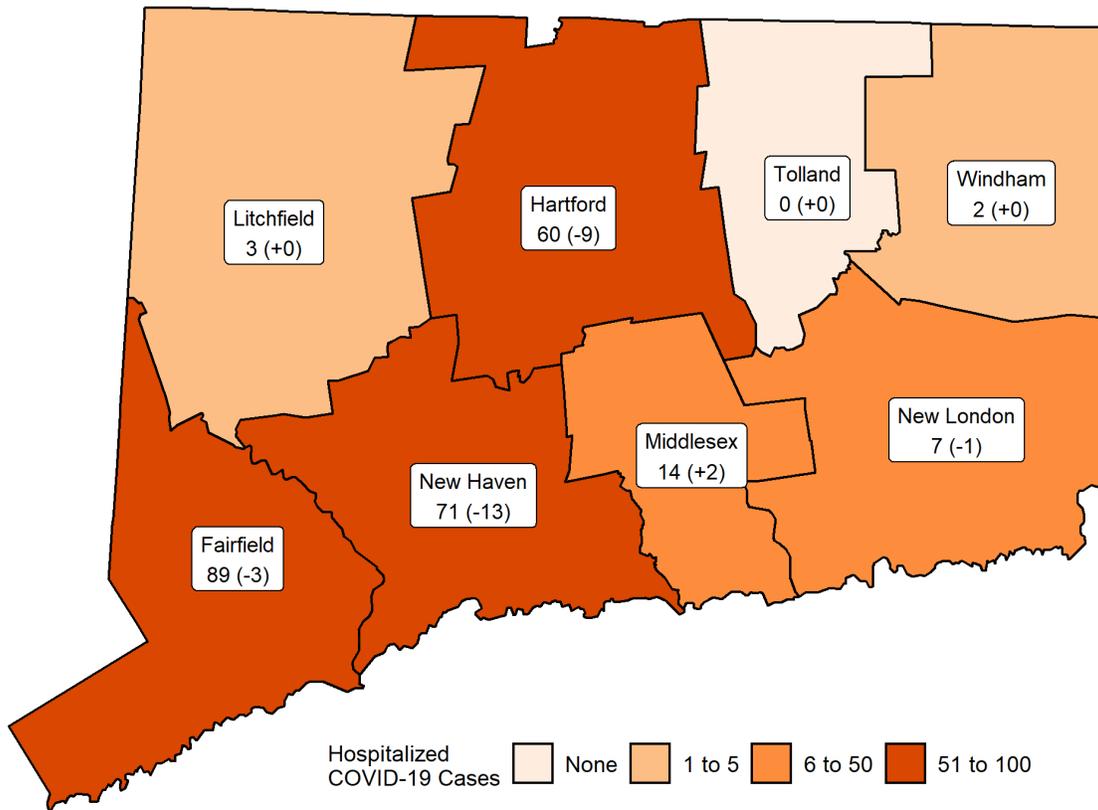
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut Hospital Association. Deaths* reported to either OCME or DPH are included in the daily COVID-19 update.

Hospitalization Surveillance

The map below shows the number of patients currently hospitalized with laboratory-confirmed COVID-19 by county based on data collected by the Connecticut Hospital Association. The distribution is by location of hospital, not patient residence. The labels indicate the number of patients currently hospitalized with the change since yesterday in parentheses.

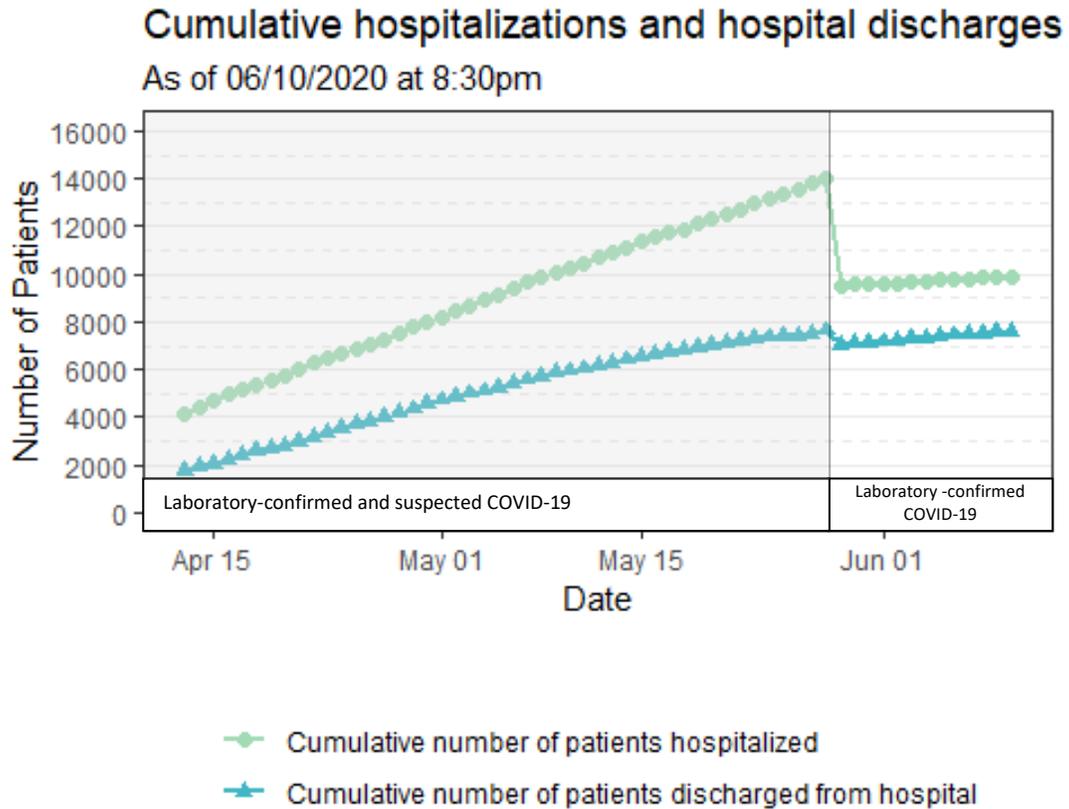
Patients Currently Hospitalized by Connecticut County

Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



Cumulative hospitalizations and cumulative hospital discharges for COVID-19

The chart below shows information on cumulative hospitalizations and hospital discharges for patients with COVID-19. Data were collected by the Connecticut Hospital Association (CHA). Starting on May 29, CHA changed to reporting only the number of patients with laboratory-confirmed COVID-19; data for previous dates include patients with laboratory-confirmed or suspected COVID-19. To date, **9912** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **7611** patients hospitalized with laboratory-confirmed COVID-19 have been discharged.



Weekly hospitalization by age group in New Haven and Middlesex Counties

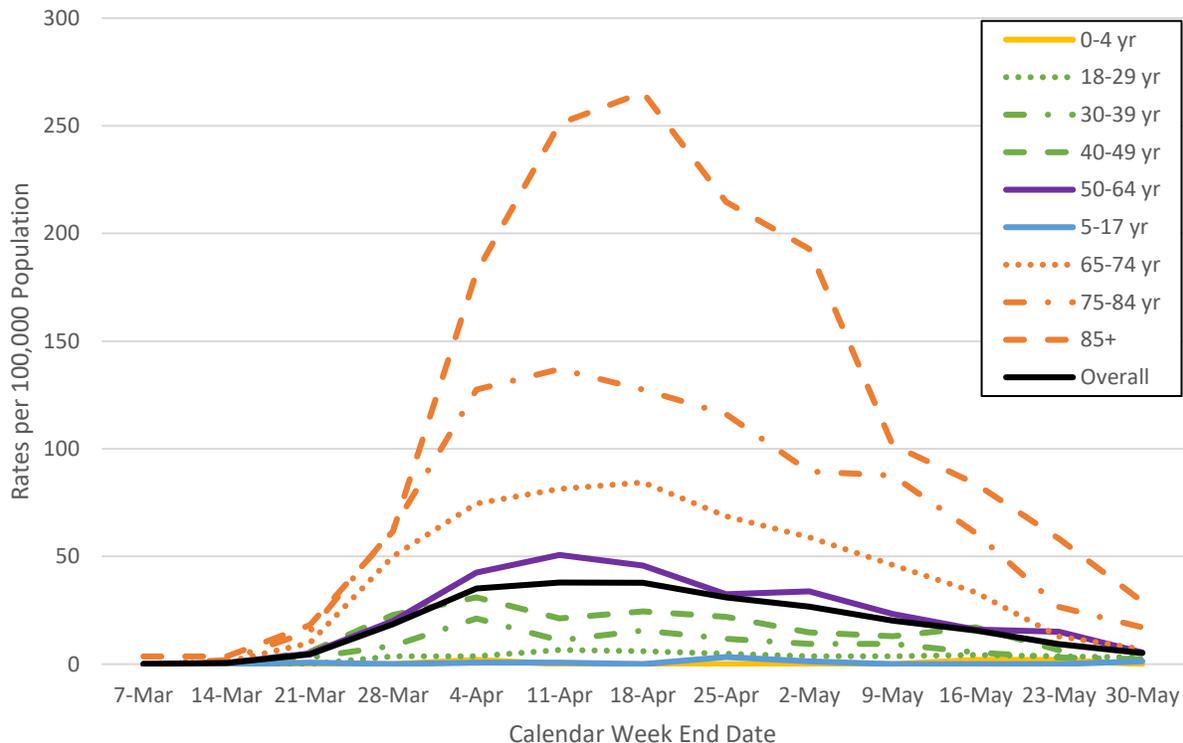
The chart below shows the weekly rate of laboratory-confirmed COVID-19-associated hospitalizations by age group. Hospitalization rates are higher among older age groups, and have decreased in most age groups for the past six weeks.

These data were collected by COVID-NET, the COVID-19-Associated Hospitalization Surveillance Network. Connecticut is one of 14 states that participate in COVID-NET, which conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations. In Connecticut, COVID-NET surveillance covers residents of New Haven and Middlesex Counties, a population of approximately 1 million. These data are collected in partnership with the Centers for Disease Control and Prevention (CDC) and other surveillance sites.

COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated accordingly. More information can be found on the CDC website: <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covid-net/purpose-methods.html>.

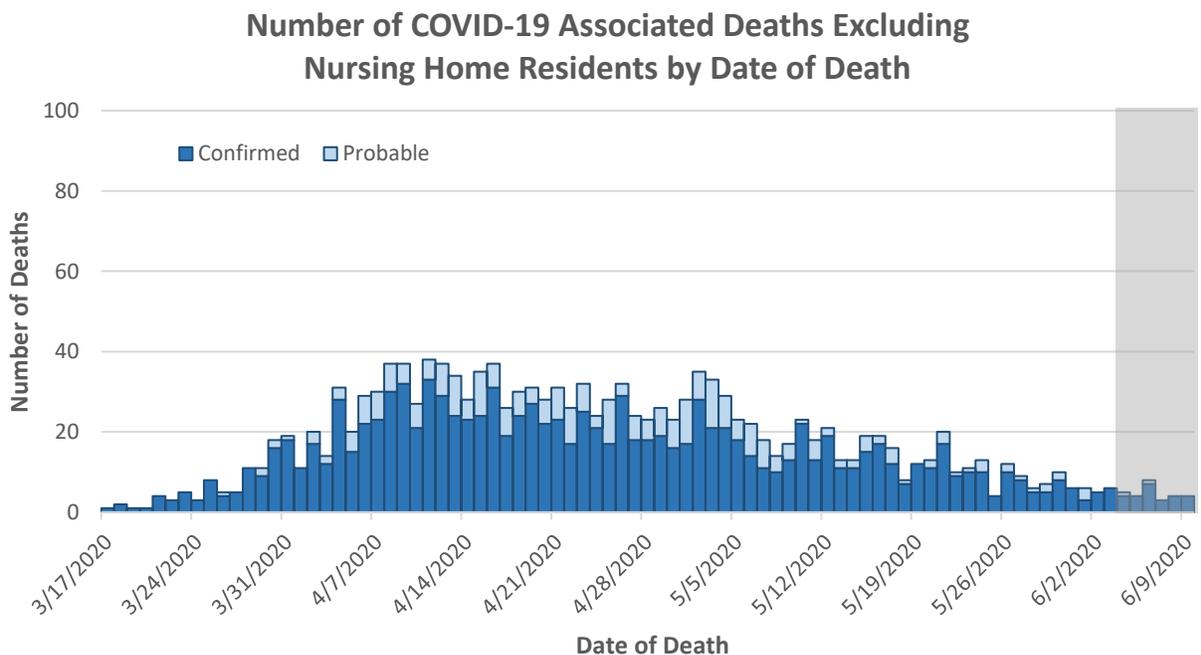
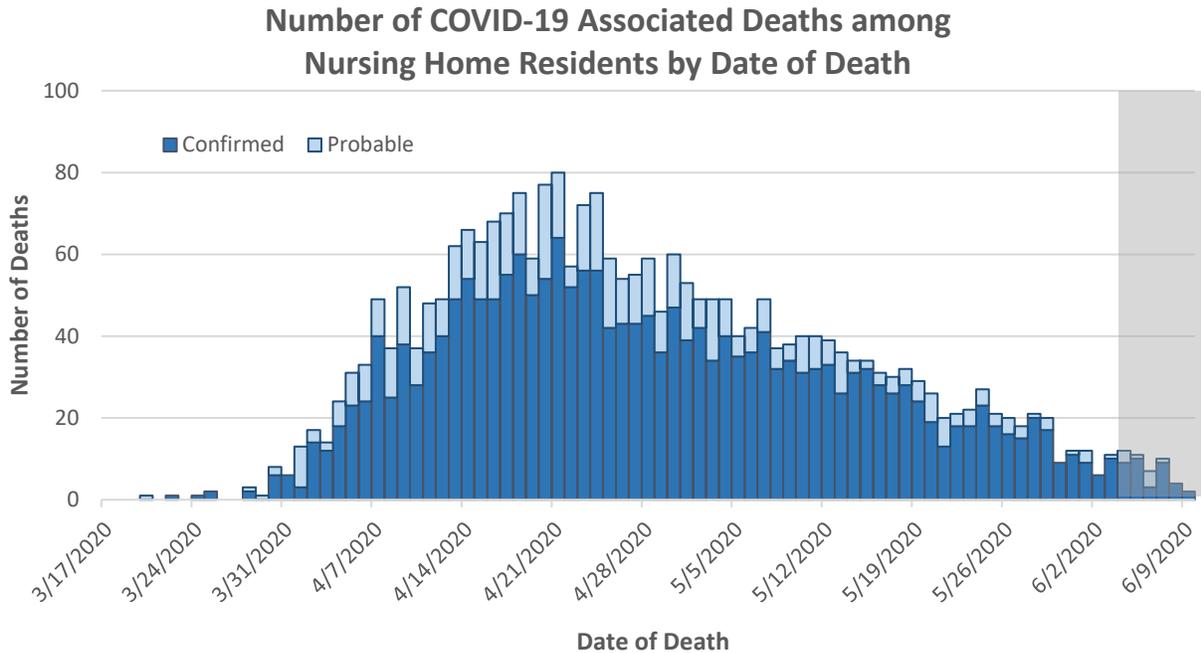
Laboratory-Confirmed COVID-19-Associated Hospitalizations by Age Group, New Haven and Middlesex Counties, Connecticut

Preliminary weekly rates as of May 30, 2020



Nursing Home Surveillance

Among **214** nursing homes in CT, **172 (80%)** have had at least one laboratory-confirmed COVID-19 case and **153 (71%)** have had at least one COVID-19-associated death. The graphs below show the number of COVID-19-associated deaths by date among nursing home residents (first graph) and among people who are not residents of nursing homes (second graph). *Data are incomplete for most recent dates shaded in grey. Data from previous dates are routinely updated.*



Nursing Home Point Prevalence Surveys – Preliminary Data

Point Prevalence Survey (PPS) is a strategy in which the infection status of all residents in a facility can be determined so that people who are potentially infectious can be separated from other residents in the facility.

The nursing home PPS initiative began in early May. The PPS initiative was designed to help contain outbreaks, and not to establish the burden of COVID-19 in nursing homes. For this initiative, nursing homes were urged to test all residents who had not previously tested positive for COVID-19.

PPS data collection is ongoing. Below are the data collected thus far (173 of 214 Connecticut nursing homes).

Among 173 nursing homes for which PPS data have been collected, 1,465 (13%) of 11,070 residents tested were found to be COVID-19-positive. Most residents who tested positive did not have symptoms of COVID-19 disease at the time of testing.

COVID-19 Test Results Among Nursing Home Residents Included in the PPS Initiative (Preliminary data for 173 nursing homes)

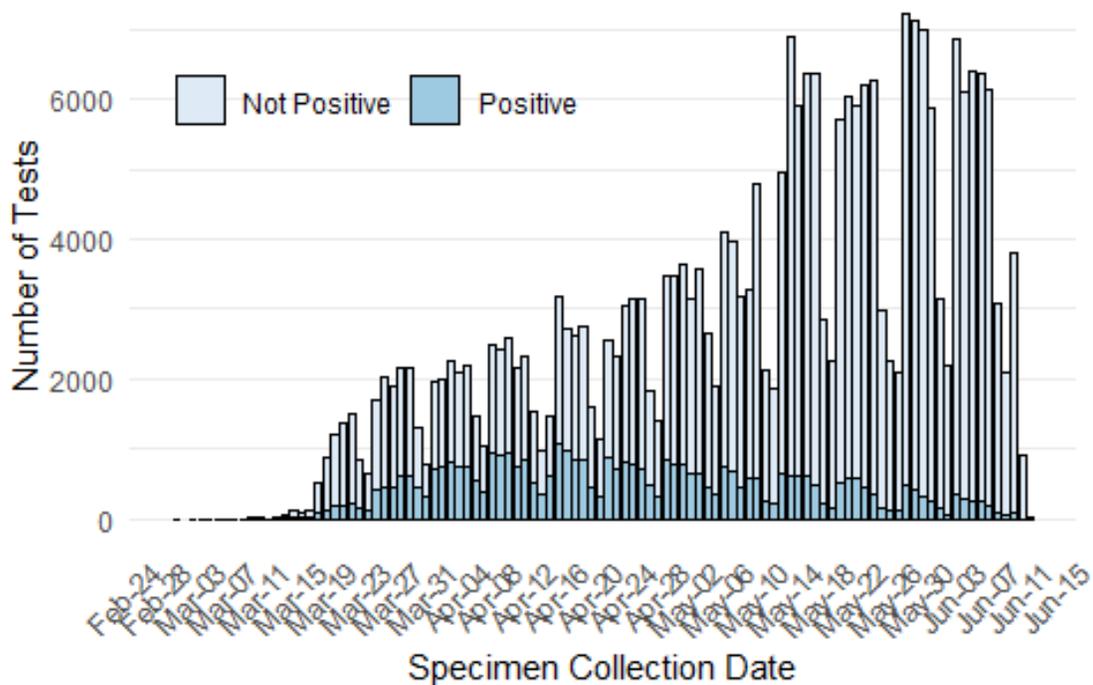
Metric	Count (%)
Total number of residents tested	11070
Number of residents who tested negative	9548 (86%)
Number of residents who tested positive	1465 (13%)
Number of residents with a positive result who were asymptomatic at time of testing	1322 (90%)

Laboratory Surveillance

To date, DPH has received reports on a total of **320044** COVID-19 laboratory tests; of these **275123** test results were received via electronic laboratory reporting (ELR) methods from commercial laboratories, hospital laboratories, and the Dr. Katherine A. Kelley State Public Health Laboratory. The chart below shows the number of tests reported via ELR by date of specimen collection and test result.

Number of Laboratory Tests for COVID-19 Reported via ELR by Specimen Collection Date

As of 06/10/2020 at 8:30pm

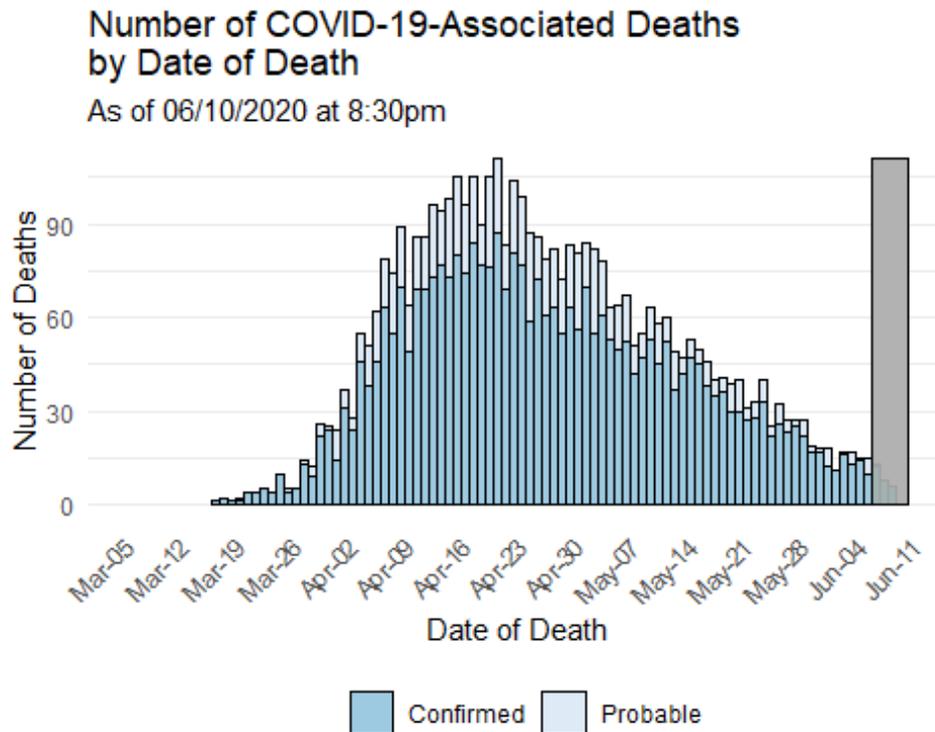
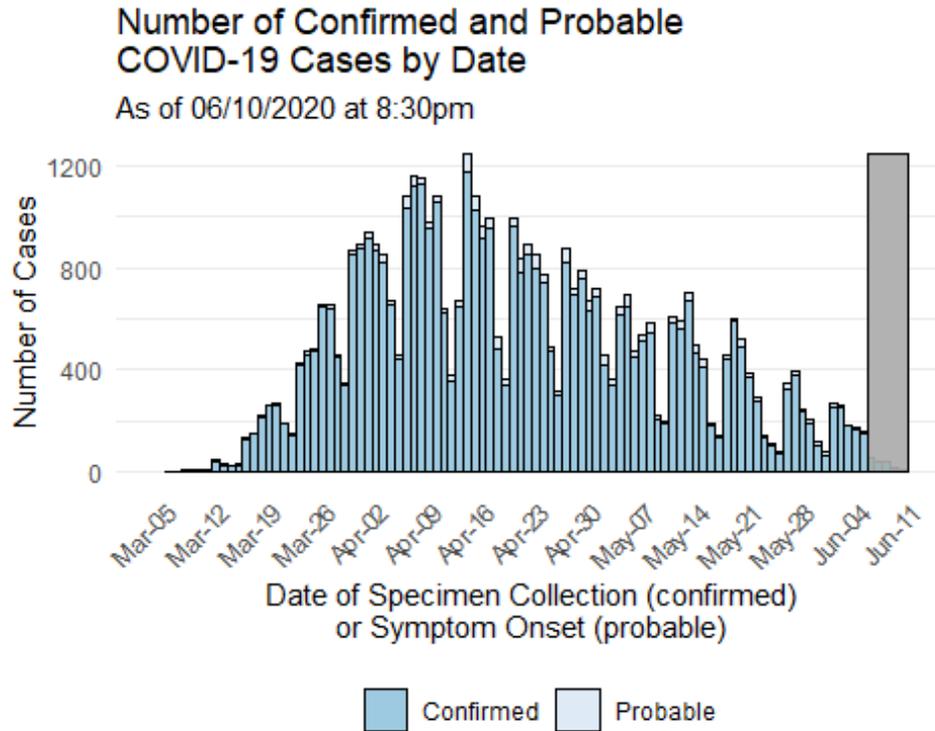


Testing of specimens collected since June 7 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by ELR.

ELR = Electronic Laboratory Reporting

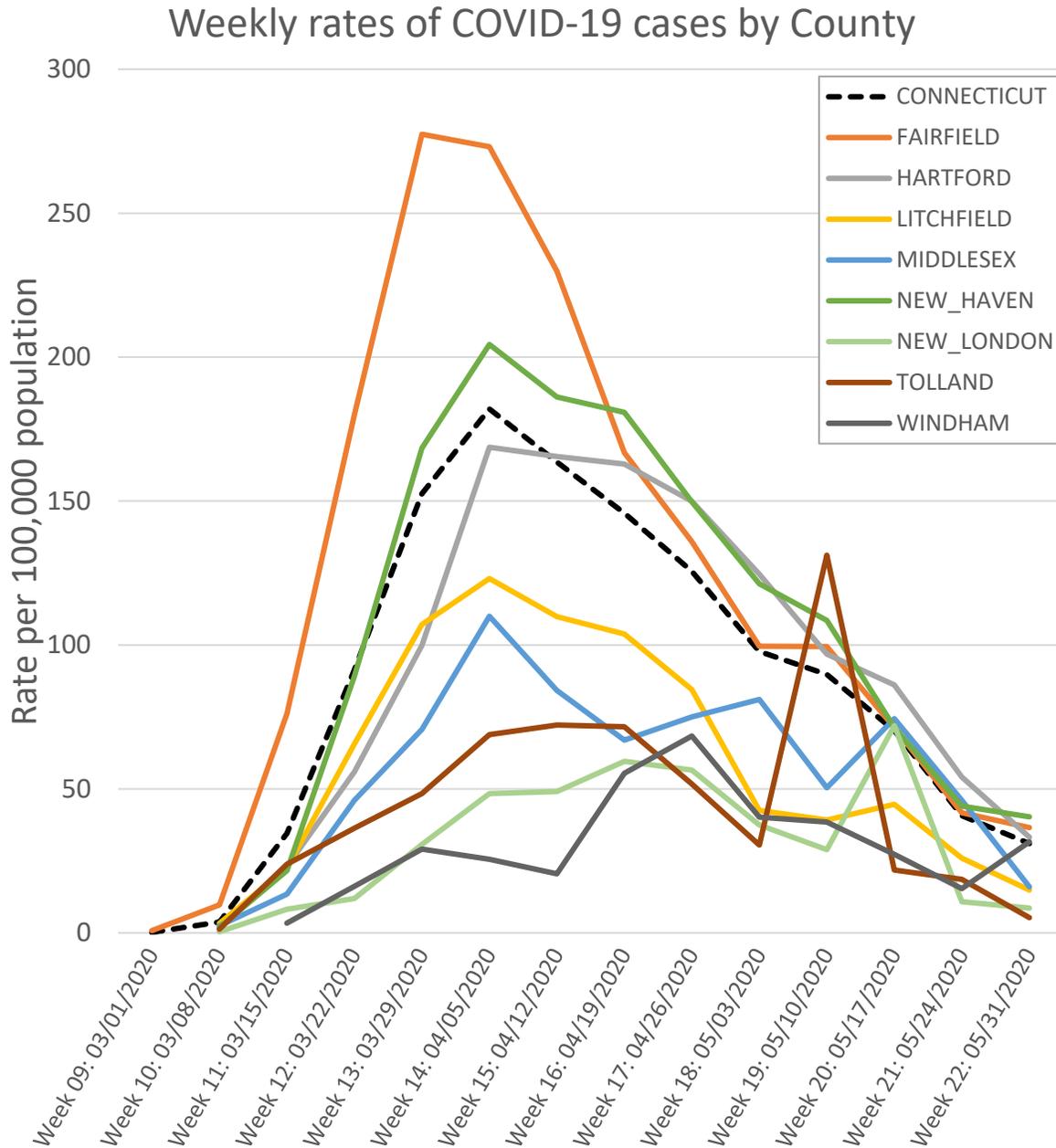
Characteristics of COVID-19 Cases and Associated Deaths

Test results may be reported several days after the result. Data are incomplete for most recent dates shaded in grey. Data from previous dates are routinely updated.



Weekly Incidence by County

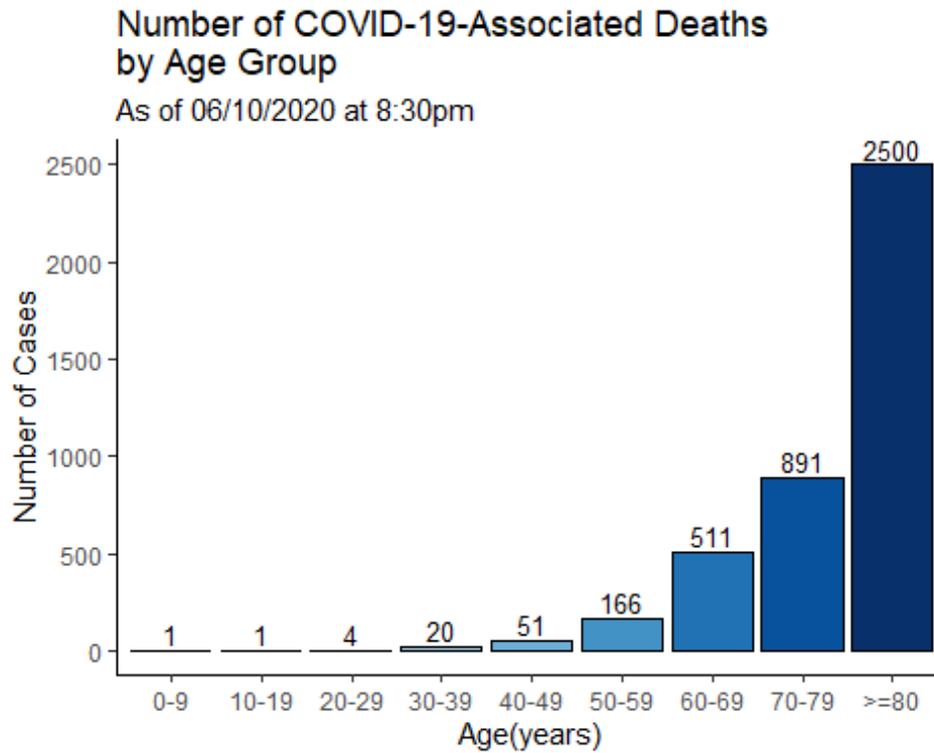
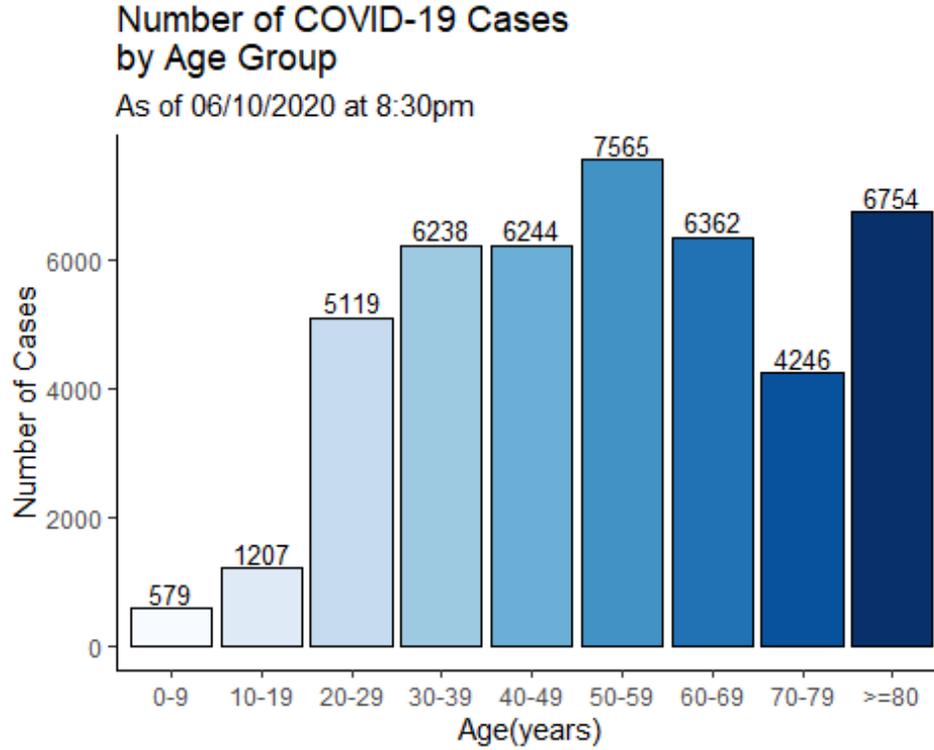
The chart below shows the number of new COVID-19 cases per week per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by dividing the number of new cases diagnosed each week by the annual estimated population and then multiplying by 100,000. The rate calculation used here is consistent with the [CDC COVID-19 Data Tracker](#) method for calculation of cumulative COVID-19 incidence rates.



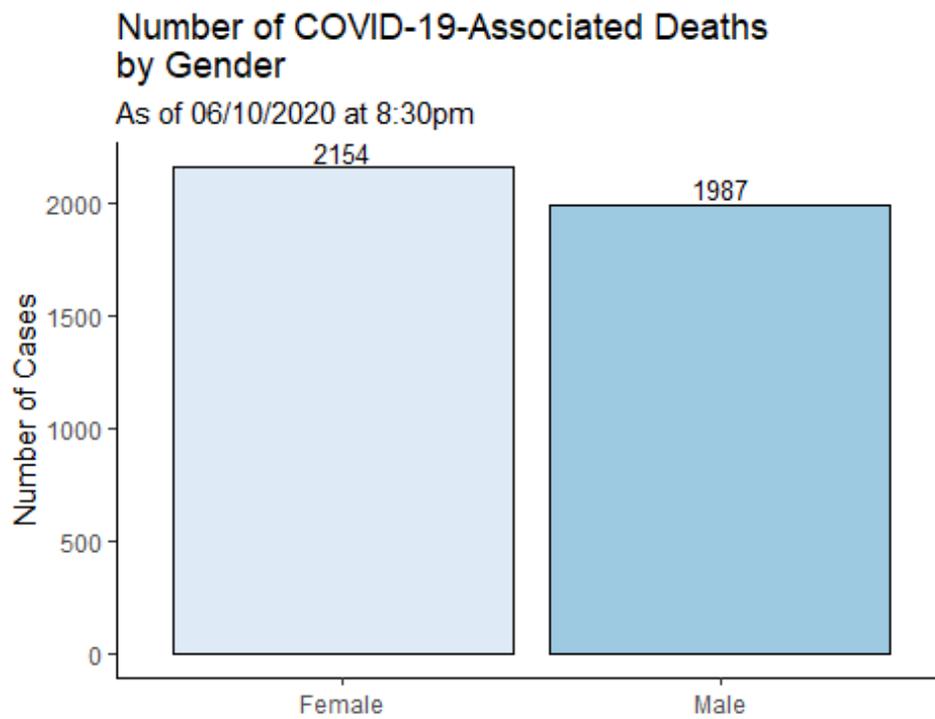
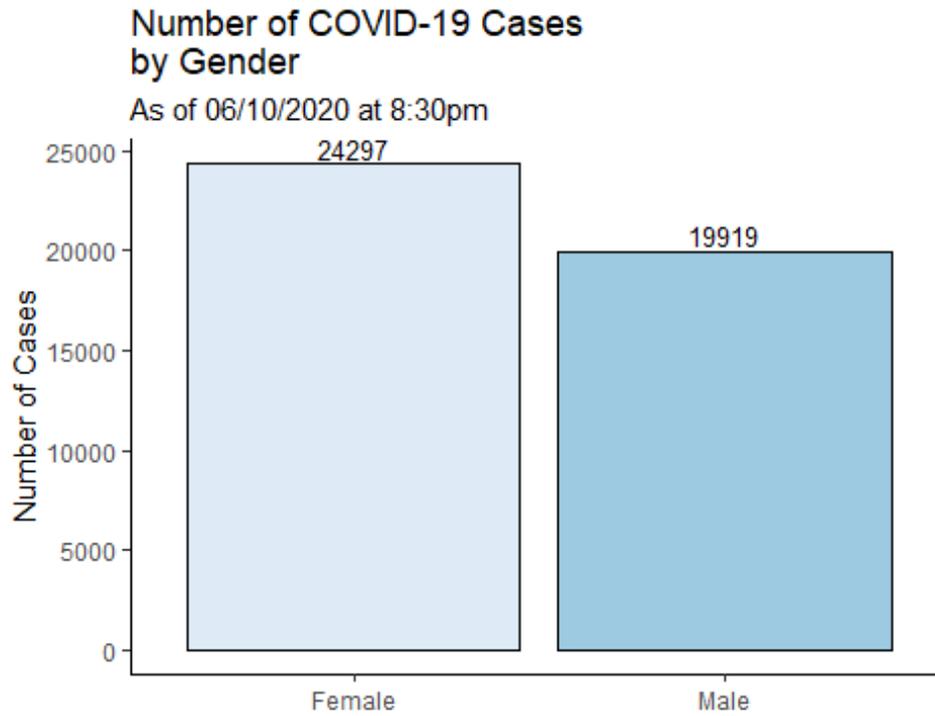
Notes:

Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases pending address validation are excluded from rate calculations.

Counts may not add up to total case count because demographic data may be missing.

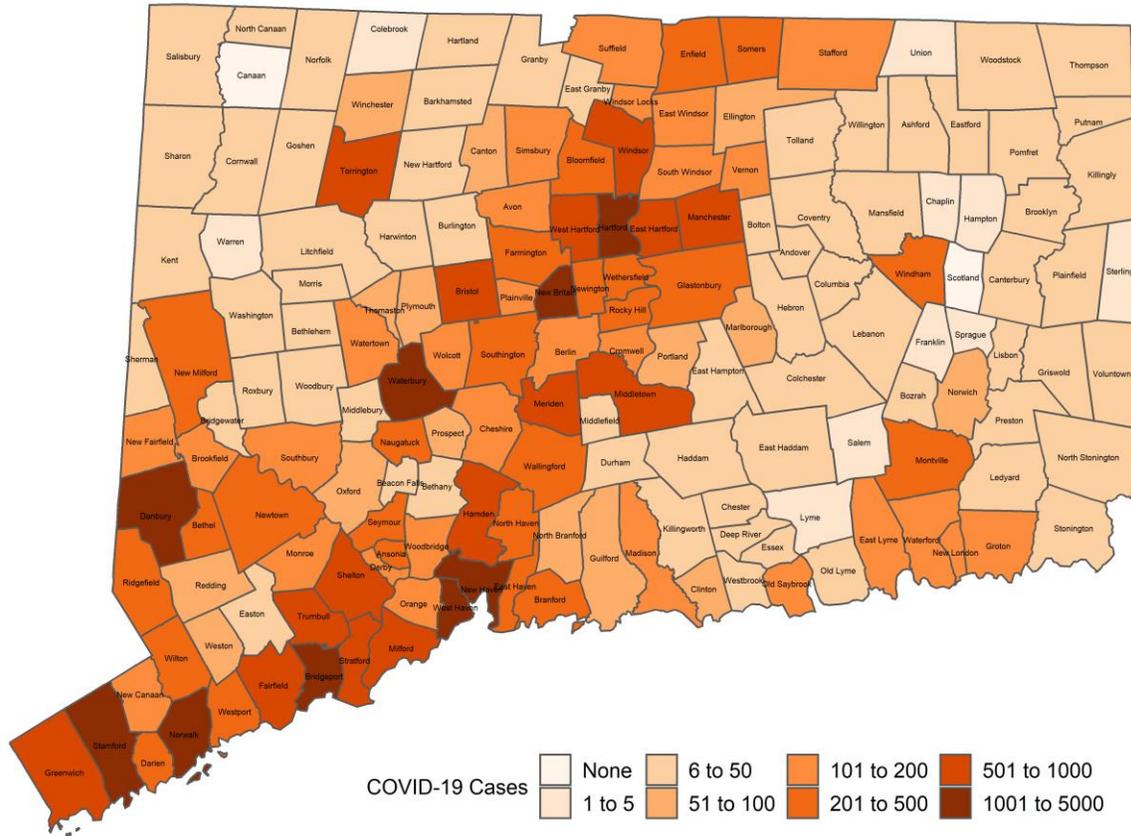


Counts may not add up to total case count because demographic data may be missing.



Connecticut Towns with Cases of COVID-19

Map does not include 287 cases pending address validation



APPENDIX A. Towns with Cases of COVID-19

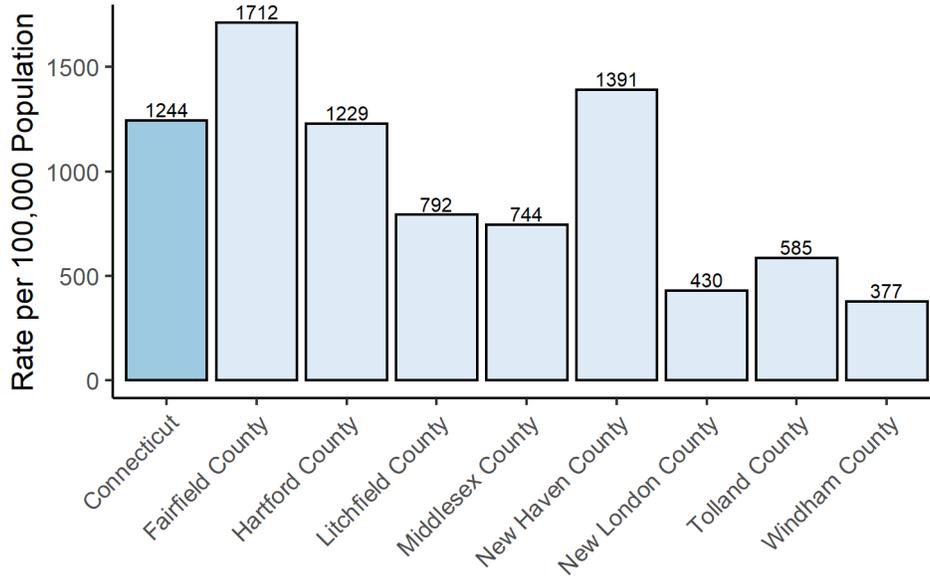
Table does not include 287 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	27	3	Prospect	58	0
Ansonia	265	7	Groton	98	12	Putnam	29	1
Ashford	16	0	Guilford	95	4	Redding	66	3
Avon	124	8	Haddam	29	1	Ridgefield	202	12
Barkhamsted	24	1	Hamden	965	33	Rocky Hill	388	17
Beacon Falls	49	0	Hampton	2	0	Roxbury	5	3
Berlin	147	7	Hartford	2319	141	Salem	5	0
Bethany	34	0	Hartland	6	0	Salisbury	12	0
Bethel	238	10	Harwinton	26	2	Scotland	0	0
Bethlehem	11	1	Hebron	26	2	Seymour	215	10
Bloomfield	460	32	Kent	7	1	Sharon	16	0
Bolton	20	1	Killingly	28	2	Shelton	568	40
Bozrah	7	0	Killingworth	14	0	Sherman	12	2
Branford	325	5	Lebanon	25	0	Simsbury	99	12
Bridgeport	3427	126	Ledyard	21	0	Somers	262	25
Bridgewater	8	0	Lisbon	9	0	South Windsor	137	18
Bristol	560	16	Litchfield	34	1	Southbury	185	5
Brookfield	154	3	Lyme	2	0	Southington	311	14
Brooklyn	22	1	Madison	133	7	Sprague	4	0
Burlington	24	0	Manchester	631	51	Stafford	105	9
Canaan	0	0	Mansfield	30	2	Stamford	3084	71
Canterbury	13	1	Marlborough	83	2	Sterling	2	0
Canton	85	9	Meriden	805	34	Stonington	27	5
Chaplin	3	0	Middlebury	41	3	Stratford	813	32
Cheshire	185	7	Middlefield	18	0	Suffield	116	15
Chester	44	1	Middletown	560	26	Thomaston	53	2
Clinton	51	3	Milford	626	22	Thompson	36	1
Colchester	34	2	Monroe	102	4	Tolland	41	8
Colebrook	3	0	Montville	253	7	Torrington	508	27
Columbia	23	0	Morris	13	1	Trumbull	485	46
Cornwall	6	0	Naugatuck	372	9	Union	4	1
Coventry	37	4	New Britain	946	64	Vernon	184	12
Cromwell	114	11	New Canaan	168	3	Voluntown	9	0
Danbury	1791	72	New Fairfield	109	0	Wallingford	454	12
Darien	201	3	New Hartford	25	0	Warren	5	0
Deep River	12	2	New Haven	2546	54	Washington	21	0
Derby	165	0	New London	138	6	Waterbury	1875	86
Durham	33	1	New Milford	272	7	Waterford	153	8
East Granby	9	0	Newington	368	23	Watertown	139	6
East Haddam	19	0	Newtown	220	10	West Hartford	627	50
East Hampton	40	4	Norfolk	11	1	West Haven	1021	27
East Hartford	778	60	North Branford	79	4	Westbrook	28	0
East Haven	382	22	North Canaan	5	1	Weston	62	1
East Lyme	133	11	North Haven	251	4	Westport	280	15
East Windsor	143	14	North Stonington	12	1	Wethersfield	248	4
Eastford	8	0	Norwalk	1993	55	Willington	13	0
Easton	30	1	Norwich	91	7	Wilton	178	27
Ellington	60	5	Old Lyme	19	0	Winchester	50	1
Enfield	433	14	Old Saybrook	98	3	Windham	216	0
Essex	31	0	Orange	119	1	Windsor	518	47
Fairfield	586	48	Oxford	76	3	Windsor Locks	111	6
Farmington	193	8	Plainfield	31	1	Wolcott	100	5
Franklin	5	0	Plainville	159	2	Woodbridge	137	8
Glastonbury	271	19	Plymouth	67	5	Woodbury	45	1
Goshen	8	0	Pomfret	13	0	Woodstock	15	0
Granby	20	0	Portland	63	4			
Greenwich	768	34	Preston	13	0			

APPENDIX B. The following graphs show the number of cases per 100,000 Connecticut residents statewide and by county, age group, and gender. Population estimate from: [DPH Population Statistics](#)

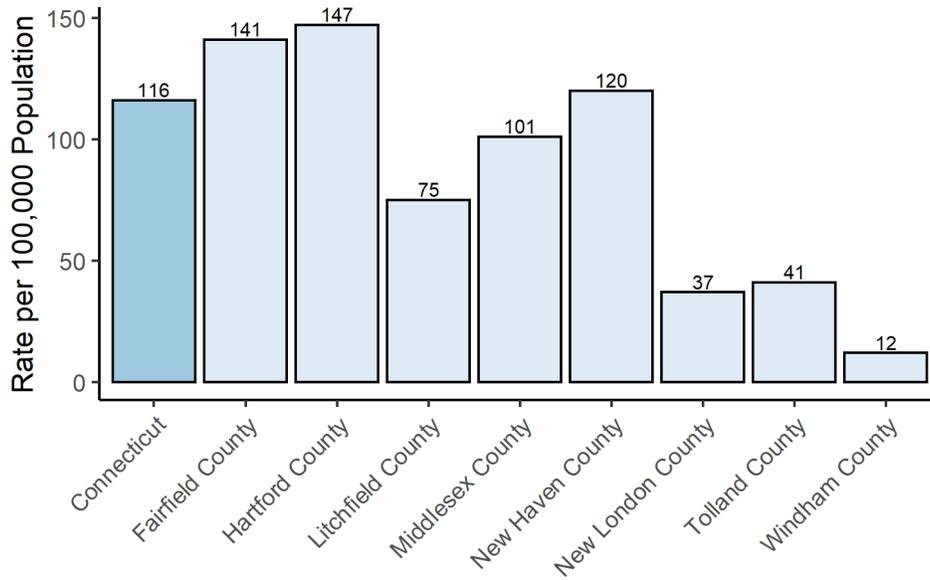
Rate of COVID-19 Cases Statewide and by County

As of 06/10/2020 at 8:30pm



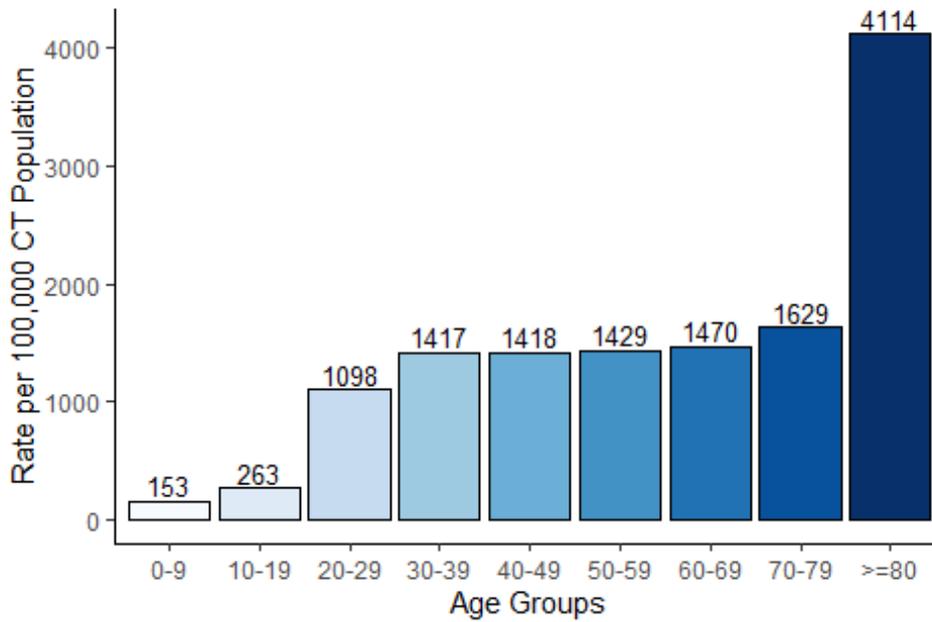
Rate of COVID-19-Associated Deaths Statewide and by County

As of 06/10/2020 at 8:30pm



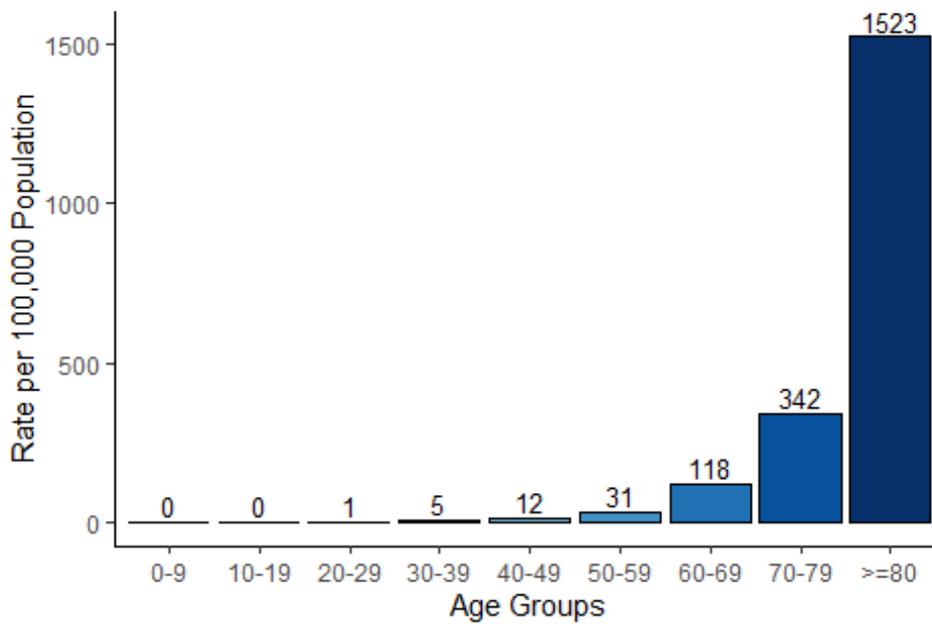
Rate of COVID-19 Cases by Age Group

As of 06/10/2020 at 8:30pm



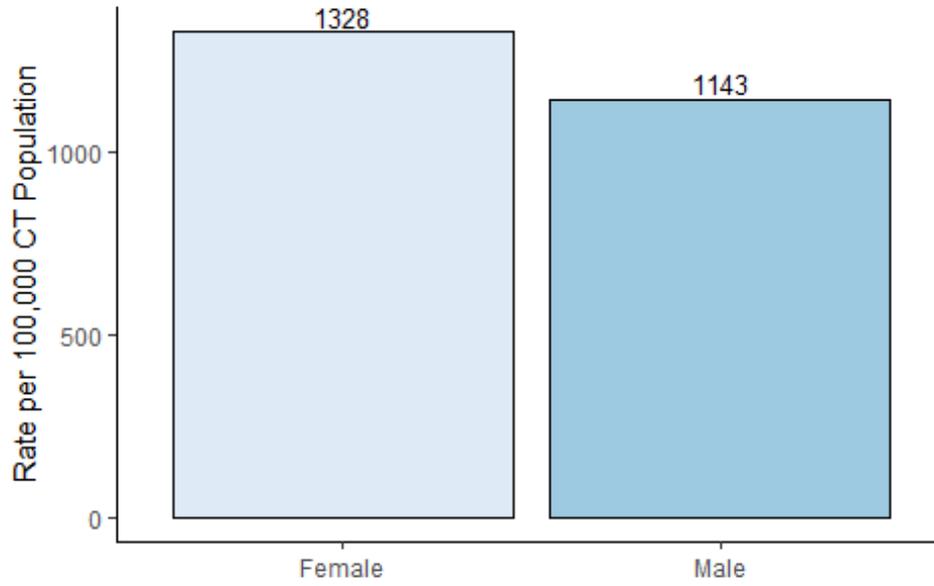
Rate of COVID-19-Associated Deaths by Age Group

As of 06/10/2020 at 8:30pm



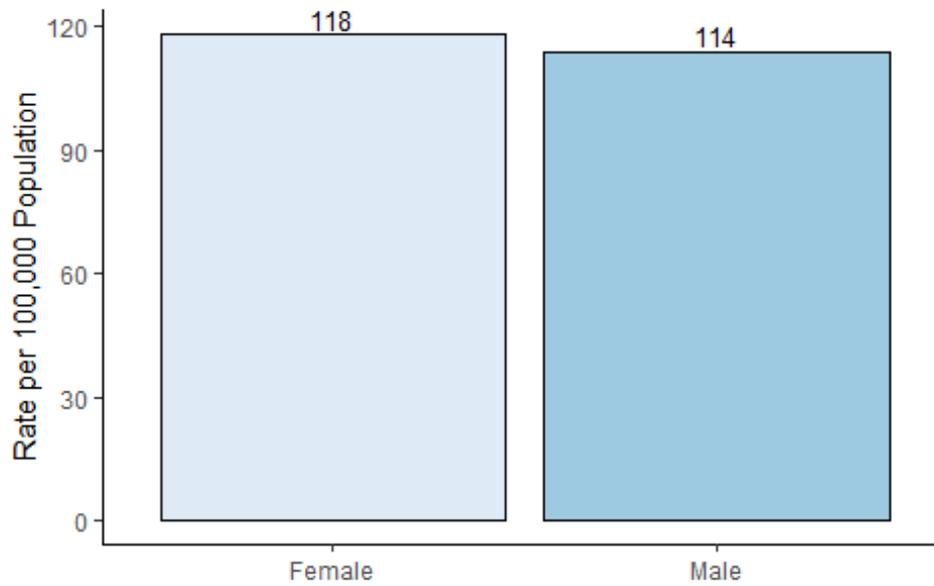
Rate of COVID-19 Cases by Gender

As of 06/10/2020 at 8:30pm

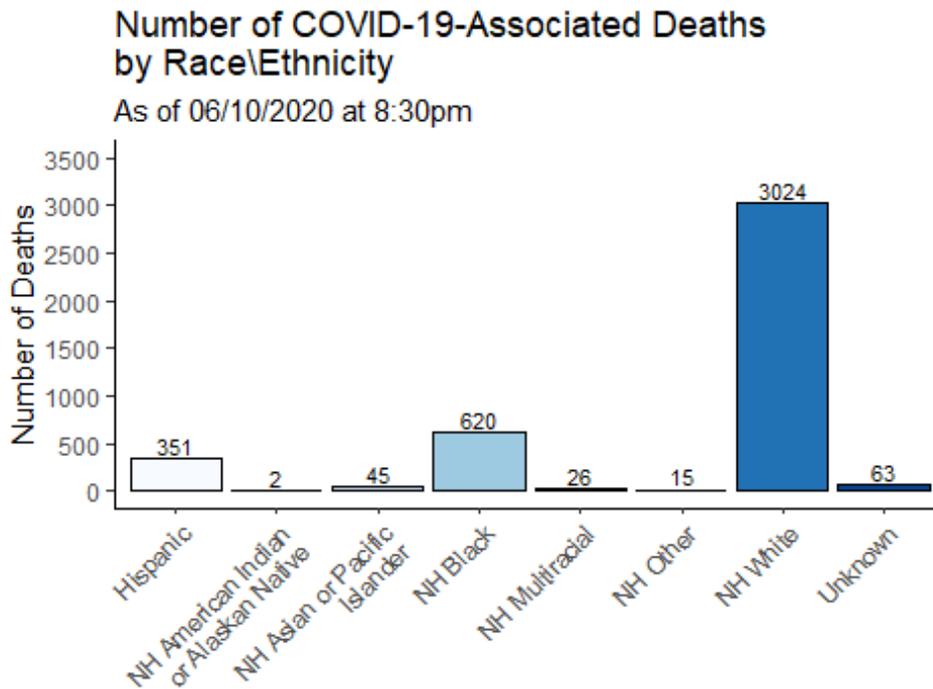
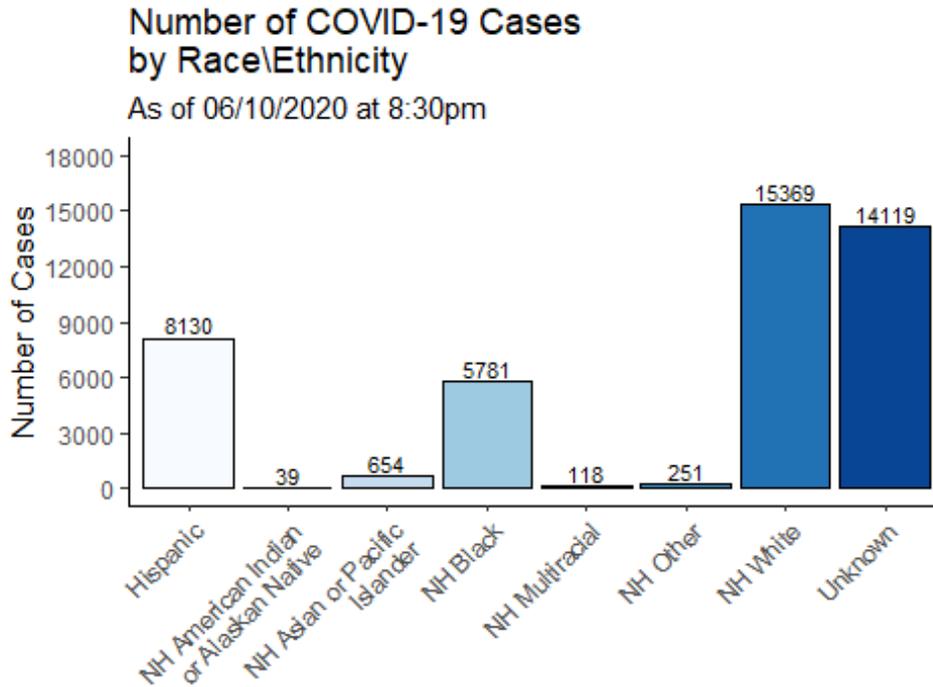


Rate of COVID-19-Associated Deaths by Gender

As of 06/10/2020 at 8:30pm

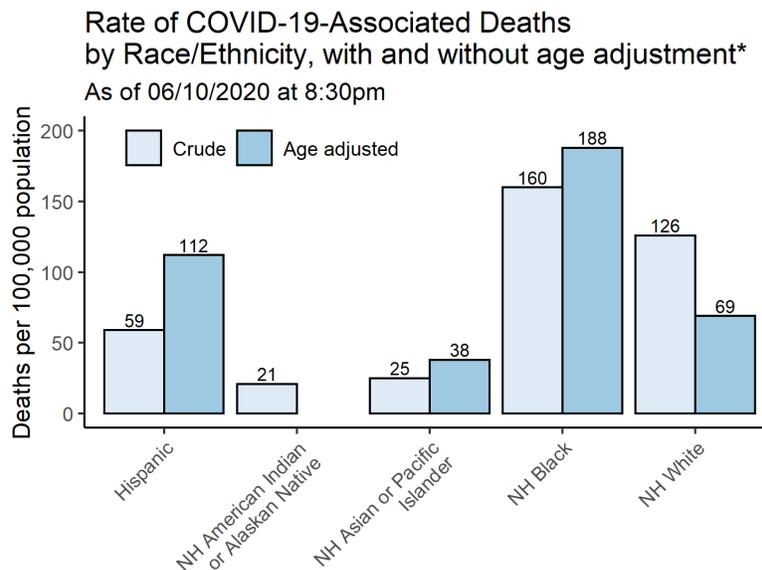
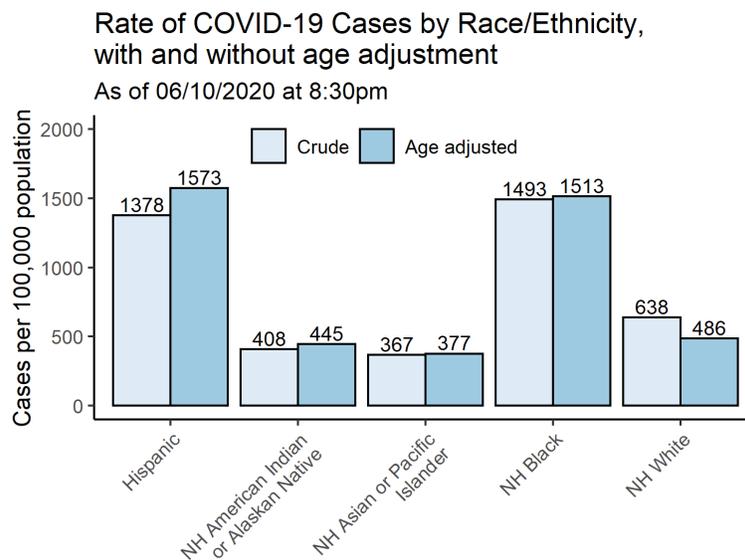


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and use a standardized population to provide a fair comparison between population groups with different age distributions. Age-adjustment is important in Connecticut as the median age of among the non-Hispanic white population is 47 years, whereas it is 34 years among non-Hispanic blacks, and 29 years among Hispanics. Because most non-Hispanic white residents who died were over 75 years of age, the age-adjusted rates are lower than the unadjusted rates. In contrast, Hispanic residents who died tend to be younger than 75 years of age which results in higher age-adjusted rates.

The 2018 Connecticut and 2000 US Standard Million populations were used for age adjustment; population estimates from: [DPH Population Statistics](#). Categories are mutually exclusive. Cases missing data on race/ethnicity are excluded from calculation of rates. NH=Non-Hispanic



*Age adjusted rates only calculated for groups with at least 30 deaths